FIG.1

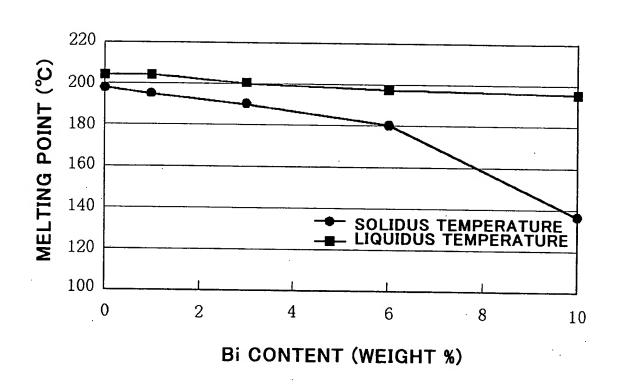


FIG.2

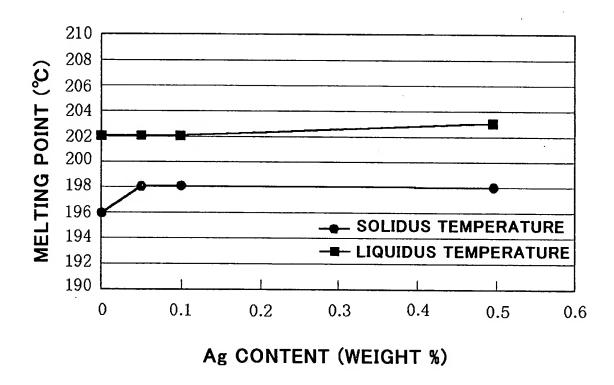


FIG.3

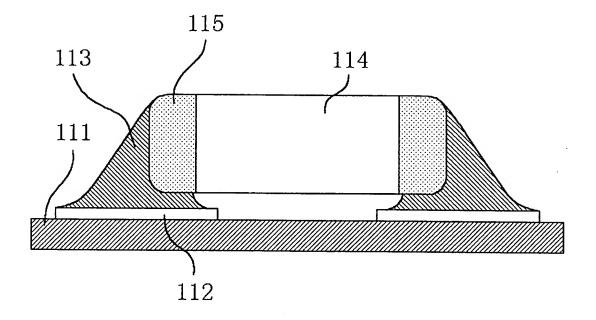
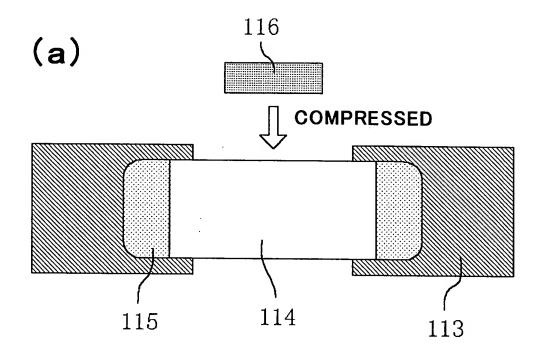


FIG.4



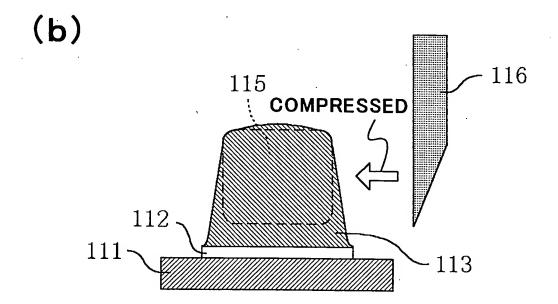


FIG.5

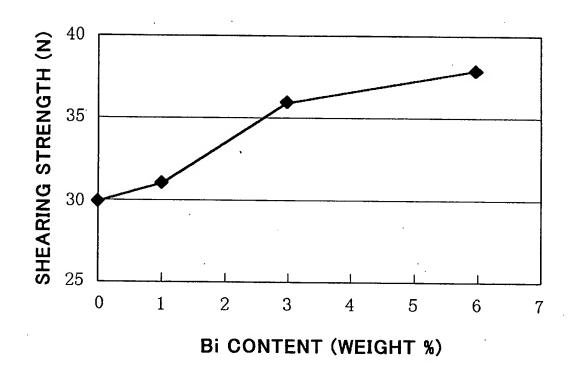


FIG.6

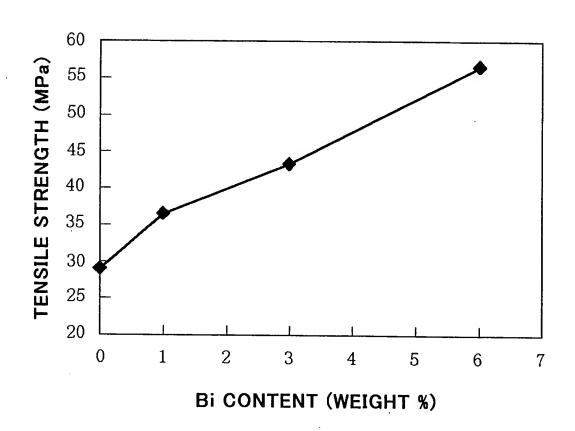


FIG.7

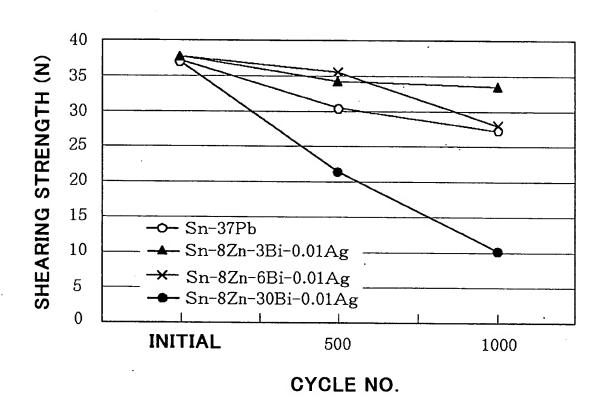


FIG.8

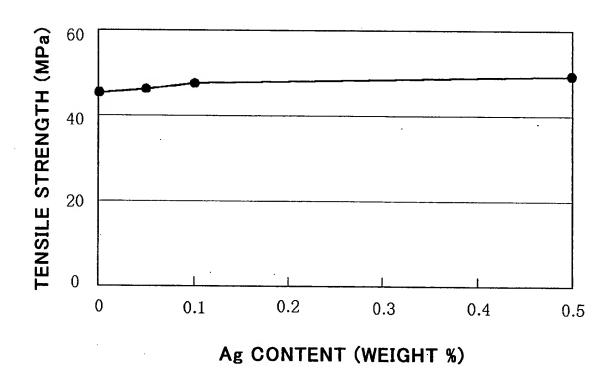


FIG.9

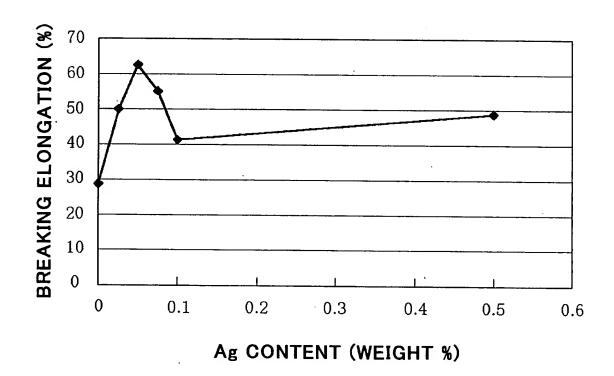
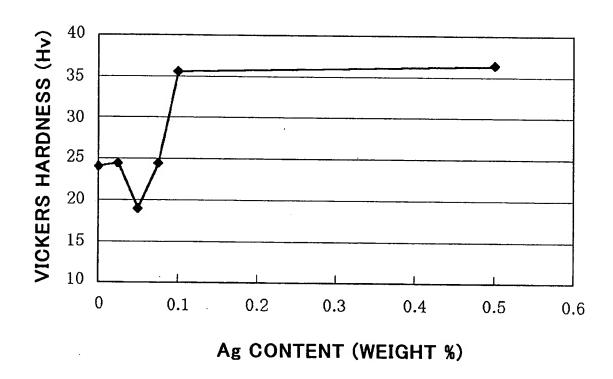


FIG.10

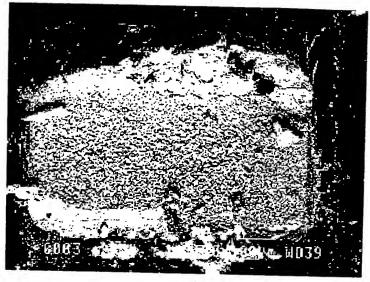


**FIG.11** (a) 50 SHEARING STRENGTH (N) 40 30 - Sn-8 wt.% Zn-6 wt.% Bi Sn-8 wt.% Zn-6 wt.% Bi-0.1 wt.% Ag 20 **INITIAL** 250 500 CYCLE NO. (b) 50 SHEARING STRENGTH (N) 40 30 - Sn-8 wt.% Zn-6wt.% Bi - Sn-8 wt.% Zn-6 wt.% Bi-0.1 wt.% Ag 20 INITIAL 250 500

CYCLE NO.

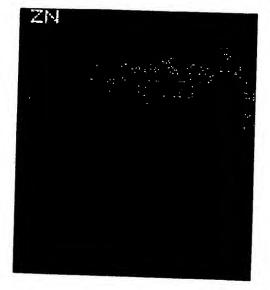
FIG.12











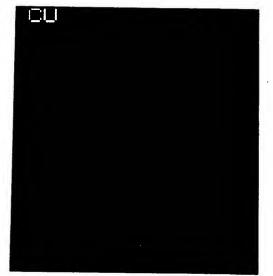
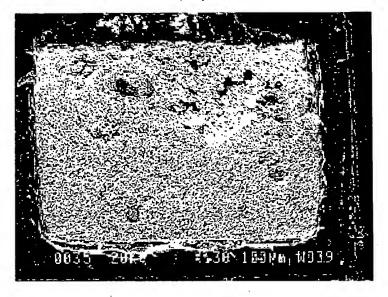
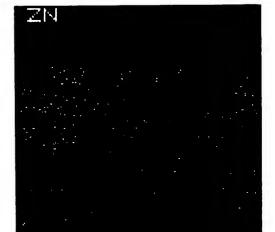


FIG.13

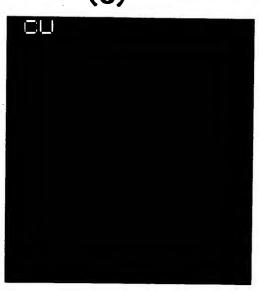




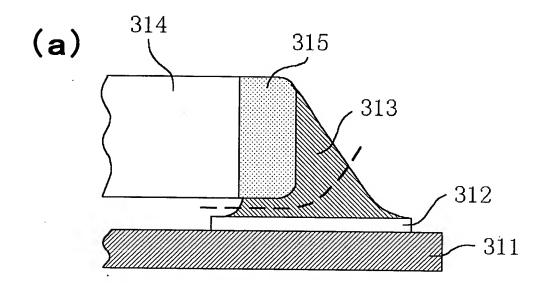


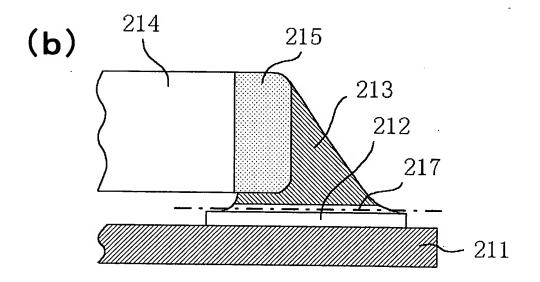


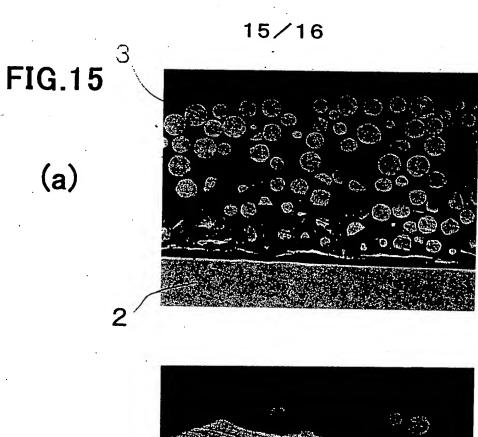
(c)

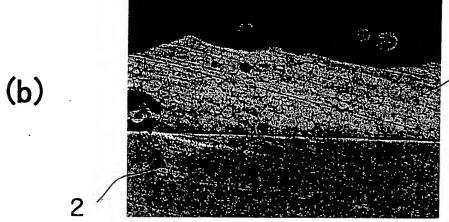


**FIG.14** 









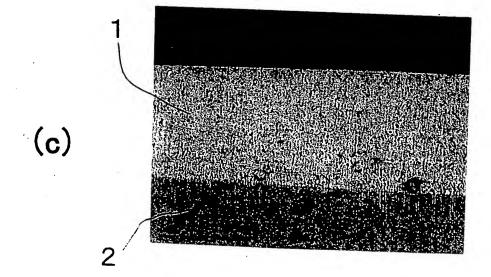


FIG.16

